

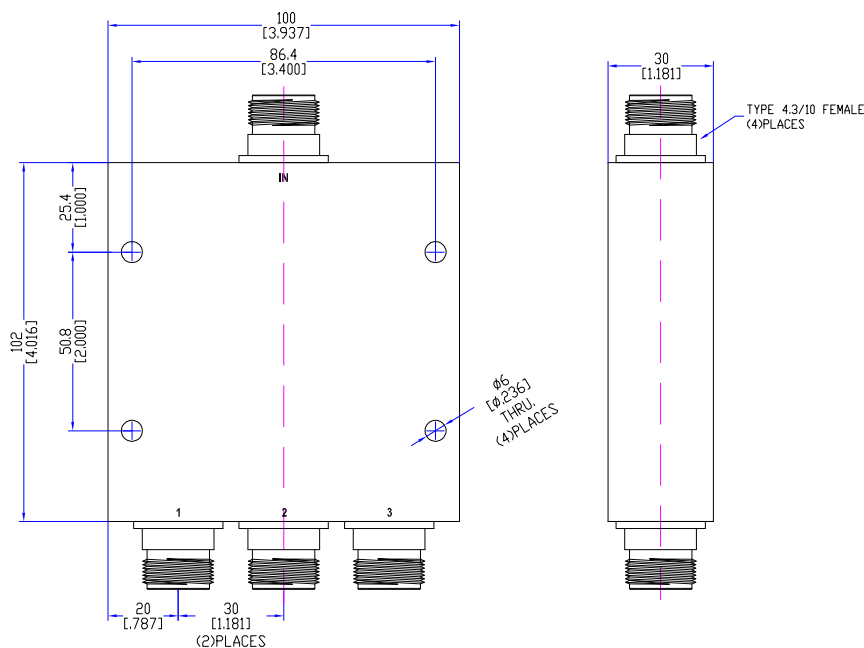
Model TPD2342D3

Features

- Excellent phase & amplitude balance
- Low Insertion Loss & VSWR
- High Isolation

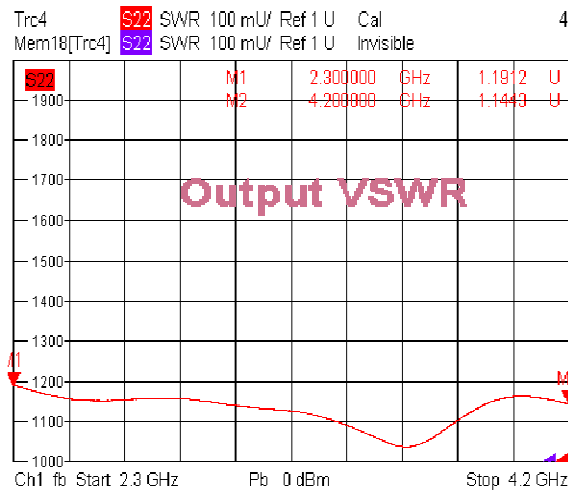
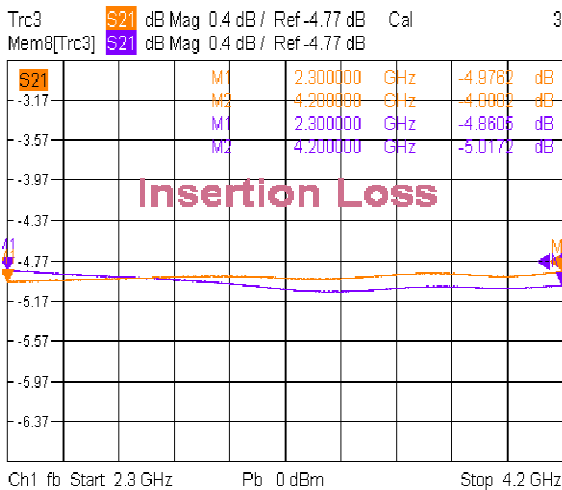
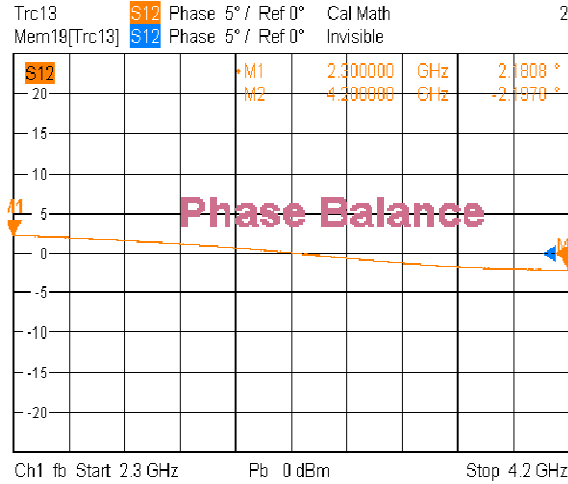
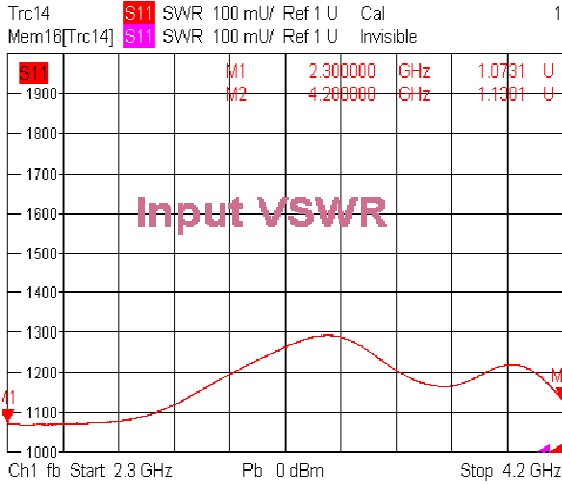
Technical Data Sheet			
Frequency Range	2.3~4.2GHz	Finish	Natural oxygen
Insertion Loss	≤1.0dB (Above 4.77dB Split)	Connector Body	Brass, Tri-Alloy Plate
VSWR	Input ≤1.40:1 Output ≤1.40:1	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Isolation	≥16dB	Connector Pin	Beryllium Copper, Gold Plate
Amplitude Balance	≤±0.4dB	Solder	Lead Free, RoHS Compliant
Phase Balance	≤±5°	Operating Temperature	-55~+85°C
¹ Power Handling	Forward ≤20Watt; Reversed ≤2Watt Each Port, Inphase Signals	Operating Humidity	Up to 95%, Non-Condensing
Impedance	50Ω	Weight	360g
Port Connectors	4.3/10-Female		

¹Power Handling guaranteed when load's VSWR within 1.50:1.



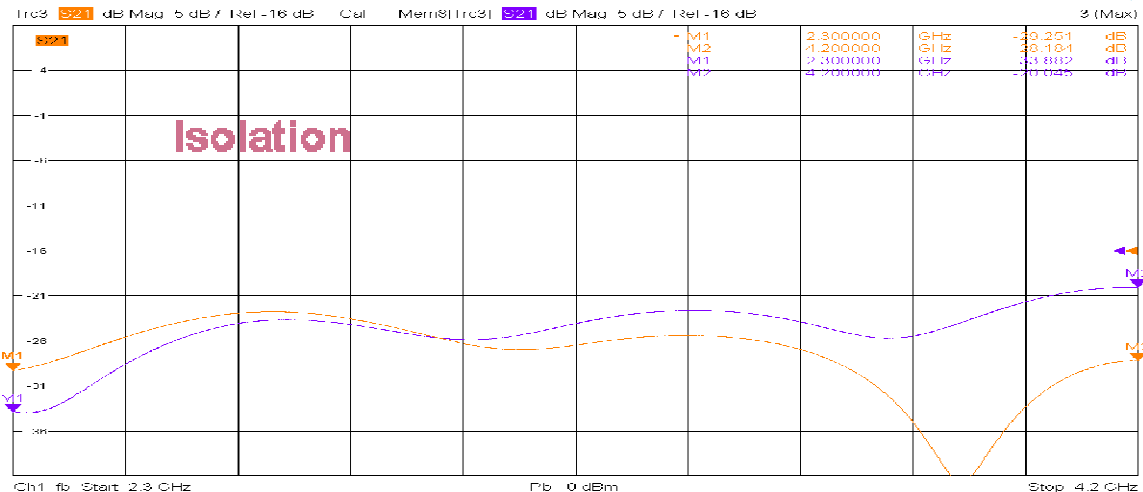
Typical Performance

1. Insertion Loss, Amplitude & Phase Balance, VSWR



10/29/2022, 1:23 PM

2. Isolation



10/29/2022, 1:25 PM

